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Attorney Docket No. 5051.621

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Narayan et al.

Application Serial No.: 10/723,842

Filed: November 26, 2003

For: *Methods of Forming Three-Dimensional Nanodot Arrays in a Matrix*

Date: February 10, 2004

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)**

Sir:

Attached is a form PTO-1449, together with a copy of each of the identified document(s). It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

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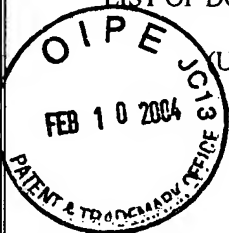
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Sloan Smith

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 5051.621		Serial No. 10/723,842	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)							
				Applicants: Narayan et al.			
				Filing Date November 26, 2003		Group Unknown	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	1.	Alivisatos et al., "Semiconductor Clusters, Nanocrystals, and Quantum Dots," <i>Science</i> 271 (5251): 933-937 (Feb. 16, 1996).					
	2.	Awschalom et al., "Macroscopic Quantum Effects in Nanometer-Scale Magnets," <i>Science</i> 258 (5081): 414-421 (Oct. 16, 1992).					
	3.	Black et al., "Spin-Dependent Tunneling in Self-Assembled Cobalt-Nanocrystal Superlattices," <i>Science</i> 290 : 1131-1134 (Nov. 10, 2000).					
	4.	Carpenter et al., "Iron nanoparticles as potential magnetic carriers," <i>Journal of Magnetism and Magnetic Materials</i> 225 : 17-20 (2001).					
	5.	Helman et al., "Tunneling of Spin-Polarized Electrons and magnetoresistance in Granular Ni Films," <i>Physical Review Letters</i> 37 (21): 1429-1432 (Nov. 22, 1976).					
	6.	Koo et al., "Current-controlled bi-stable domain configurations in Ni ₈₁ Fe ₁₉ elements: An approach to magnetic memory devices," <i>Applied Physics Letters</i> 81 (5): 862-864 (July 29, 2002).					
	7.	Lambeth et al., "Media for 10 Gb/in. ² hard disk storage: issues and status (invited)," <i>J. Appl. Phys.</i> 79 (8): 4496-4501 (April 15, 1996).					
	8.	MacLachlan et al., "Shaped Ceramics with Tunable Magnetic Properties from Metal-Containing Polymers," <i>Science</i> 287 : 1460-1463 (Feb. 25, 2000).					
	9.	Makeev et al., "Simulations of Atomic Level Stresses in Systems of Buried Ge/Si Islands," <i>Physical Review Letters</i> 86 (24): 5542-5545 (June 11, 2001).					

EXAMINER

*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

